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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24** **Date: 10/02/2020**

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 15-01-20

Customer ID : FF Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	13/01/2020	10/02/2020	150.42 X 149.66 X 150.67	22513	**8.885**	608.3	27.0	27.3
2	FF Roof Concrete	M25	13/01/2020	10/02/2020	150.99 X 150.53 X 149.28	22729	**8.679**	601.3	26.5	
3	FF Roof Concrete	M25	13/01/2020	10/02/2020	149.64 X 149.38 X 149.96	22353	**8.429**	632.7	28.3	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24**

Date: 20/01/2020

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 15-01-20

Customer ID : FF Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	13/01/2020	20/01/2020	151.73 X 150.83 X 150.60	22884	**8.527**	537.0	23.5	22.6
2	FF Roof Concrete	M25	13/01/2020	20/01/2020	150.95 X 151.35 X 149.62	22846	**8.104**	502.9	22.0	
3	FF Roof Concrete	M25	13/01/2020	20/01/2020	150.07 X 151.70 X 151.51	22765	**8.242**	507.1	22.3	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24** **Date: 10/02/2020**

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 15-01-20

Customer ID : FF Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	13/01/2020	10/02/2020	151.72 X 151.44 X 151.23	22976	**8.885**	626.2	27.3	27.4
2	FF Roof Concrete	M25	13/01/2020	10/02/2020	151.70 X 151.66 X 151.32	23007	**8.679**	606.3	26.4	
3	FF Roof Concrete	M25	13/01/2020	10/02/2020	151.13 X 151.30 X 149.87	22865	**8.429**	655.3	28.7	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24** **Date: 20/01/2020**

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 15-01-20

Customer ID : FF Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/01/2020

SL No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	13/01/2020	20/01/2020	151.84 X 151.34 X 151.55	22980	**8.527**	531.3	23.1	22.7
2	FF Roof Concrete	M25	13/01/2020	20/01/2020	150.09 X 149.71 X 150.66	22470	**8.104**	515.6	22.9	
3	FF Roof Concrete	M25	13/01/2020	20/01/2020	151.63 X 150.12 X 150.85	22764	**8.242**	503.1	22.1	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24**

Date: 20/01/2020

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 15-01-20

Customer ID : FF Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	13/01/2020	20/01/2020	151.29 X 149.87 X 149.72	22674	**8.527**	524.8	23.1	22.8
2	FF Roof Concrete	M25	13/01/2020	20/01/2020	151.52 X 150.09 X 149.46	22741	**8.104**	510.9	22.5	
3	FF Roof Concrete	M25	13/01/2020	20/01/2020	150.70 X 151.79 X 150.17	22874	**8.242**	522.8	22.9	

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Lab ID : **CP-2020-02-07-24** **Date: 10/02/2020**

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 15-01-20

Customer ID : FF Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	13/01/2020	10/02/2020	151.95 X 150.51 X 151.25	22870	**8.885**	629.3	27.5	27.3
2	FF Roof Concrete	M25	13/01/2020	10/02/2020	150.07 X 151.04 X 149.30	22667	**8.679**	591.7	26.1	
3	FF Roof Concrete	M25	13/01/2020	10/02/2020	149.02 X 150.05 X 150.58	22362	**8.429**	635.0	28.4	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24** **Date: 20/01/2020**

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 15-01-20

Customer ID : FF Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	13/01/2020	20/01/2020	149.92 X 151.75 X 151.78	22750	**8.527**	525.2	23.1	22.9
2	FF Roof Concrete	M25	13/01/2020	20/01/2020	149.91 X 151.41 X 149.95	22698	**8.104**	517.3	22.8	
3	FF Roof Concrete	M25	13/01/2020	20/01/2020	151.70 X 150.17 X 149.36	22781	**8.242**	520.2	22.8	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24** **Date: 10/02/2020**

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 15-01-20

Customer ID : FF Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	13/01/2020	10/02/2020	151.27 X 150.88 X 151.43	22824	**8.885**	629.8	27.6	27.5
2	FF Roof Concrete	M25	13/01/2020	10/02/2020	151.46 X 149.48 X 149.74	22640	**8.679**	589.2	26.0	
3	FF Roof Concrete	M25	13/01/2020	10/02/2020	149.94 X 151.49 X 149.19	22716	**8.429**	655.6	28.9	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24** **Date: 20/01/2020**

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 15-01-20

Customer ID : FF Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 20/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	13/01/2020	20/01/2020	151.42 X 151.31 X 150.33	22910	**8.527**	527.8	23.0	22.7
2	FF Roof Concrete	M25	13/01/2020	20/01/2020	150.56 X 151.31 X 150.43	22780	**8.104**	501.4	22.0	
3	FF Roof Concrete	M25	13/01/2020	20/01/2020	149.70 X 149.86 X 151.46	22434	**8.242**	514.8	22.9	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24** **Date: 10/02/2020**

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 15-01-20

Customer ID : FF Roof Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M25 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 10/02/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Roof Concrete	M25	13/01/2020	10/02/2020	149.76 X 151.38 X 149.62	22671	**8.885**	633.9	28.0	27.8
2	FF Roof Concrete	M25	13/01/2020	10/02/2020	149.47 X 149.24 X 149.20	22307	**8.679**	597.5	26.8	
3	FF Roof Concrete	M25	13/01/2020	10/02/2020	150.95 X 149.43 X 151.20	22556	**8.429**	644.3	28.6	

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TEST REPORT ON PHYSICAL REQUIREMENTS OF SOLID CONCRETE BLOCKS

Lab ID	:	**CP-2020-02-07-24**
Project Name	:	Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division. **Date: 28-10-19**
Agency	:	Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.
Customer's Reference	:	EE(Project)YNKZone/WO/114/2017-18
Date of Receipt	:	24-10-19
Sample Type/Size	:	Solid concrete blocks size (400X200X200)mm
Reference to BIS codes	:	IS : 2185 (Part 1) : 2005(RA 2010) Concrete Masonry Specification Part 1:Hollow and Solid Concrete Blocks (Dimensions -Annex-B, Clause 9.2 and 10 , Block density Annex -C Clause 9.3 and10, Compressive strength Annex -D Clause 9.4 and 10, Water absorption Annex -E Clause 9.5 and 10)
Date of test	:	24-10-19

BLOCK DENSITY:

Sl. No.	Measurement of overall Dimensions of Individual Blocks			Overall Volume of the Block in Cubic Centimetres	Weight of Oven Dried Block in Kilograms to the nearest 10 Gram	Block Density in Kg/cum*10^6	Avg.Block Density in (Kg/cum)	As per IS 2185(Part 1) :2005 (RA 2010)
	Length	Breadth	Height					
	mm	mm	mm	(Cm^3)	Kg	Kg/m^3	Kg/m^3	
1	399	200	202	16120	32.982	2046.1	2052.7	Not less than 1800Kg/m^3
2	398	202	203	16320	33.324	2041.9		
3	405	198	198	15878	32.871	2070.3		

WATER ABSORPTION:

Sl. No.	Wet weight after water absorption	Dry weight (Oven dry)	Water Absorption	Avg.Water Absorption	As per IS 2185(Part 1):2005 (RA 2010)
	kg	kg	%	%	
1	33.91	32.25	4.89	4.25	Shall not be more than 10% by mass
2	33.57	32.14	4.28		
3	33.44	32.24	3.59		

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HIGHWAY & BUILDING MATERIALS TESTING

Lab ID : **CP-2020-02-07-24** **Date: 28-10-19**

DIMENSION ANALYSIS

Sl.no	Length mm	Breadth mm	Height mm	Requirement as per IS 2185(Part 1):2005
1	403	200	200	Length : ± 5mm Breadth : ± 3mm Height : ± 3mm
2	400	203	199	
3	404	199	200	
4	404	202	201	
5	403	199	201	
6	400	203	203	
7	401	200	202	
8	402	200	203	
9	401	200	201	
10	402	203	202	
11	402	200	203	
12	401	202	201	
13	404	203	201	
14	400	203	201	
15	400	201	202	
16	401	202	199	
17	401	203	201	
18	403	199	200	
19	400	202	203	
20	403	203	202	
Average of 20	**402**	**201**	**201**	

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Lab ID : **CP-2020-02-07-24** **Date: 28-10-19**

COMPRESSIVE STRENGTH:

Sl. No.	Size of solid block		Area	Failure Load	Compressive strength	Average Compressive strength
	Length	Breadth				
	mm	mm	(mm^2)	(KN)	N/mm^2	(N/mm^2)
1	400	200	79905	422.2	5.3	5.4
2	400	203	81189	441.4	5.4	
3	404	199	80305	477.0	5.9	
4	404	202	81624	454.7	5.6	
5	403	199	80357	419.1	5.2	
6	400	203	81102	416.5	5.1	
7	401	200	80362	426.6	5.3	
8	402	200	80227	415.7	5.2	

As per IS Requirements (Table 2, Clause 5.1, 5.2 and 9.4)

Compressive strength		
Grade	**Minimum average**	**Minimum Individual units.**
C (5.0)	5.00 N/mm^2	4.00 N/mm^2
C (4.0)	4.00 N/mm^2	3.20 N/mm^2

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24** **Date: 18/11/2019**

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 13-11-19

Customer ID : FF Chejja Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/11/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Chejja Concrete	M20	11/11/2019	18/11/2019	149.05 X 151.11 X 151.24	22524	**8.640**	427.1	19.0	18.6
2	FF Chejja Concrete	M20	11/11/2019	18/11/2019	150.03 X 149.25 X 150.73	22391	**8.800**	415.4	18.6	
3	FF Chejja Concrete	M20	11/11/2019	18/11/2019	150.55 X 150.63 X 149.93	22678	**8.255**	417.5	18.4	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24** **Date: 09/12/2019**

Project Name : Construction of Indoor Stadium with all Amenities at Sahakarnagara in Ward No:08 Kodigehalli, Kodigehalli Sub Division.

Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 13-11-19

Customer ID : FF Chejja Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/12/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Chejja Concrete	M20	11/11/2019	09/12/2019	149.92 X 149.67 X 149.88	22439	**8.048**	526.9	23.5	23.1
2	FF Chejja Concrete	M20	11/11/2019	09/12/2019	149.73 X 150.14 X 149.44	22481	**8.078**	511.4	22.7	
3	FF Chejja Concrete	M20	11/11/2019	09/12/2019	151.54 X 149.90 X 149.73	22716	**8.394**	524.3	23.1	

AE
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Authorized Signatory
Quality Manager

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : **CP-2020-02-07-24** **Date: 18/11/2019**

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Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 13-11-19

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Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/11/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Chejja Concrete	M20	11/11/2019	18/11/2019	151.97 X 151.19 X 149.77	22977	**8.640**	417.7	18.2	18.5
2	FF Chejja Concrete	M20	11/11/2019	18/11/2019	151.41 X 151.61 X 150.98	22956	**8.800**	433.7	18.9	
3	FF Chejja Concrete	M20	11/11/2019	18/11/2019	150.80 X 151.30 X 149.05	22816	**8.255**	422.8	18.5	

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Date of Receipt : 13-11-19

Customer ID : FF Chejja Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/12/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Chejja Concrete	M20	11/11/2019	09/12/2019	149.25 X 149.32 X 149.52	22286	**8.048**	534.6	24.0	23.3
2	FF Chejja Concrete	M20	11/11/2019	09/12/2019	149.99 X 151.96 X 151.62	22791	**8.078**	517.3	22.7	
3	FF Chejja Concrete	M20	11/11/2019	09/12/2019	149.40 X 151.24 X 149.20	22595	**8.394**	526.3	23.3	

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Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 13-11-19

Customer ID : FF Chejja Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/11/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Chejja Concrete	M20	11/11/2019	18/11/2019	149.72 X 151.88 X 151.85	22740	**8.640**	428.1	18.8	18.7
2	FF Chejja Concrete	M20	11/11/2019	18/11/2019	149.51 X 150.28 X 149.56	22468	**8.800**	412.2	18.3	
3	FF Chejja Concrete	M20	11/11/2019	18/11/2019	151.76 X 151.84 X 150.06	23044	**8.255**	433.7	18.8	

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Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 13-11-19

Customer ID : FF Chejja Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 09/12/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Chejja Concrete	M20	11/11/2019	09/12/2019	151.07 X 150.78 X 151.30	22779	**8.048**	538.7	23.6	23.4
2	FF Chejja Concrete	M20	11/11/2019	09/12/2019	150.11 X 150.23 X 150.31	22551	**8.078**	516.9	22.9	
3	FF Chejja Concrete	M20	11/11/2019	09/12/2019	149.60 X 150.44 X 150.71	22506	**8.394**	531.2	23.6	

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TEST REPORT OF CEMENT CONCRETE CUBES

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Agency : Sri.Abbu Samabasiva Reddy, #1-B-3, Sree Arcade Layout, 4th Block, DB Sandra, Vidyaranyapura, Bangalore-560097.

Customer's Reference : EE(Project)YNKZone/WO/114/2017-18

Date of Receipt : 13-11-19

Customer ID : FF Chejja Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 7 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 18/11/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	FF Chejja Concrete	M20	11/11/2019	18/11/2019	149.45 X 150.57 X 149.98	22502	**8.640**	421.5	18.7	18.8
2	FF Chejja Concrete	M20	11/11/2019	18/11/2019	149.35 X 150.85 X 149.74	22529	**8.800**	427.2	19.0	
3	FF Chejja Concrete	M20	11/11/2019	18/11/2019	151.59 X 149.70 X 150.72	22693	**8.255**	426.9	18.8	

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